RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/531,637_

Source: _PCT_

Date Processed by STIC: _4-26-05_

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PCT

RAW SEQUENCE LISTING   DATE: 04/26/2005
PATENT APPLICATION: US/10/531,637   TIME: 15:45:14

Input Set : **A:\shardna.ST25.4.15.05.txt**
Output Set: **N:\CRF4\04262005\J531637.raw**

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        5 <120> TITLE OF INVENTION: Diagnostic and therapeutic means for kidney stone related
pathologies
        7 <130> FILE REFERENCE: 30183
C-->    9 <140> CURRENT APPLICATION NUMBER: US/10/531,637
C-->    9 <141> CURRENT FILING DATE: 2005-04-15
        9 <160> NUMBER OF SEQ ID NOS: 36
       11 <170> SOFTWARE: PatentIn version 3.1
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       15 <212> TYPE: DNA
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       21 <220> FEATURE:
       22 <221> NAME/KEY: primer_bind
       23 <222> LOCATION: (1)..(20)
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78 <212> TYPE: DNA
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 6
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86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 7
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94 <210> SEQ ID NO: 8
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Homo sapiens
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104 <211> LENGTH: 20
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124 <213> ORGANISM: Homo sapiens
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185 <211> LENGTH: 20
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Input Set : **A:\shardna.ST25.4.15.05.txt**
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231 <212> TYPE: DNA
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252 <400> SEQUENCE: 25
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261 <400> SEQUENCE: 26
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266 <211> LENGTH: 20
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo sapiens
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275 <211> LENGTH: 20
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302 <211> LENGTH: 20
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304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 31
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316 tacacagtgt atacagtttt                                          20
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322 <213> ORGANISM: Homo sapiens
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327 1               5                   10                  15
330 Phe Glu Asn Val Ala Val Cys Leu Pro Leu Arg Cys Pro Arg Cys Gly
331             20                  25                  30
334 Asp His Thr Arg Phe Arg Ser Leu Ser Ser Leu Arg Ala His Leu Glu
335         35                  40                  45
338 Phe Ser His Ser Tyr Glu Glu Arg Thr Leu Leu Thr Lys Cys Ser Leu
339     50                  55                  60
342 Phe Pro Ser Leu Lys Asp Thr Asp Leu Val Thr Ser Ser Glu Leu Leu
343 65                  70                  75                  80
346 Lys Pro Gly Lys Leu Gln Ser Ser Gly Asn Val Val Lys Gln Lys Pro
347                 85                  90                  95
350 Ser Tyr Val Asn Leu Tyr Ser Ile Ser His Glu His Ser Lys Asp Arg
351             100                 105                 110
354 Lys Pro Phe Glu Val Val Ala Glu Arg Pro Val Ser Tyr Val Gln Thr
355             115                 120                 125
358 Tyr Thr Ala Met Asp Leu His Ala Asp Ser Leu Asp Gly Thr Arg Ser
359     130                 135                 140
362 Gly Pro Gly Leu Pro Thr Ser Asp Thr Lys Ala Ser Phe Glu Ala His
363 145                 150                 155                 160
366 Val Arg Glu Lys Phe Asn Arg Met Val Glu Ala Val Asp Arg Thr Ile
367                 165                 170                 175
370 Glu Lys Arg Ile Asp Lys Leu Thr Lys Glu Leu Ala Gln Lys Thr Ala
```

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:27 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:24
L:45 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:42